# Exercise

1. for i in $(seq 0 20); do ping -c 1 10.0.2.$i | tr \\n ' ' | awk '/1 received/ {print $2}'; done

#!/usr/bin/python3

import os

print('Running Python ping sweep of target IP range 10.0.2.0/24')

for i in range(1,11):

ip = '10.0.2.' + str(i)

response = os.system("ping %s -c 1 > /dev/null" %ip)

if response == 0:

print("%s" %ip)

print('Ping sweep complete')

1. grep -o '[^/]\*\.js' access\_log.txt | sort -u

filenames = set()

with open(r"./access\_log.txt") as f:

for line in f:

end = line.rfind(".js") + 3 # 3 = len(".js")

start = line.rfind("/", 0, end) + 1 # 1 = len("/")

filename = line[start:end]

if filename.endswith(".js"):

filenames.add(filename)

for filename in sorted(filenames, key=str.lower):

print(filename)